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EXAMINER

RAJ, RAJIV J

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/684,354	Applicant(s) MORIYAMA ET AL.	
	Examiner RAJIV J. RAJ	Art Unit 3626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☒ Claim(s) 1 & 19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10 October 2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Status of Claims

1. This action is in reply to the application filed on 10 October 2003.
2. Claims 1-28 are currently pending and have been examined.

Priority

3. Applicant's claim for the benefit of a prior-filed application under 35 U.S.C. 119(e) or under 35 U.S.C. 120, 121, or 365(c) is acknowledged.

Information Disclosure Statement

4. The Information Disclosure Statement filed 30 October 2003 has been considered. An initialed copy of the Form 1449 are enclosed herewith.

Claim Objections

5. Claims 1 & 19 are objected to because of the following informalities: Claims 1& 19 recite the language *and/or*. It is unclear if the aspects of this limitation should be taken together or in the alternative. For the purpose of applying art, the Examiner will refer to these limitations in the alternative. Appropriate correction is required.

Claim Rejections - 35 USC § 101

6. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

7. Claims 19-28 are rejected under 35 U.S.C. 101 because a claim can not be directed to embrace or overlap two different statutory classes of invention set forth in 35 U.S.C. 101. 35

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U.S.C. 101 is drafted so as to set forth the statutory classes of invention in the alternative only. see MPEP § 2173.05(p)(II).

Claim Rejections - 35 USC § 112

8. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

9. Claim 19-28 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It is unclear whether claims 28-40, 41-44, and 45-48 are directed to a method or apparatus.

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

12. Claims 1-5, & 10-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over lida (US 2003/0020813 A1) (hereinafter lida) in view of Segal et al. (US 2001/0041991 A1) (hereinafter Segal) in further view Jordan (US 2002/0188187 A1) (hereinafter Jordan).

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13. **Examiner's Note:** The Examiner has pointed out particular references contained in the prior art of record within the body of this action for the convenience of the Applicant. Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply. Applicant, in preparing the response, should consider fully the entire reference as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

Claim 1

lida as shown discloses the following limitations:

- *an information management apparatus for generating photographing order information; (see at least lida [0002])*
- *one or more portable terminals that are connectable to at least one of the control apparatuses to obtain the photographing order information from the control apparatus connected thereto and display the obtained photographing order information; (see at least lida [0026], Fig:1B Items:14,62 & related text)*

lida does not disclose the following limitations, however Segal, as shown does:

- *a medical image generating apparatus for photographing a patient to generate image data of the patient; (see at least Segal [0021])*
- *the information management apparatus being allowed to transmit the generated photographing order information through a network to another apparatus; (see at least Segal Fig:1 Items:99-110 & related text)*
- *one or more control apparatuses that are connectable to the information management apparatus through the network to obtain the generated photographing order information; (see at least Segal Fig:1 Items:106-110 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Segal into lida. One of ordinary skill in the art would have added these features into lida with the

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motivation to provide a more effective and efficient process for creating, storing, accessing, updating and distributing image data. (see at least Segal [0021])

lida and Segal do not disclose the following limitation, however Jordan, as shown does:

- *patient identification information of the patient to be photographed and/or a photographing condition for the patient, (see at least Jordan Fig:6A, 6D & related text)*

It would have been obvious to one of ordinary skill in the art to add the feature of Jordan into lida/Segal. One of ordinary skill in the art would have added this feature into lida/Segal with the motivation to provide a more safe & efficient process for managing and transferring medical image data. (see at least Jordan [0006])

Claim 2

The combination of lida/Segal/Jordan disclose all the limitations of Claim 1. lida further discloses the following limitation:

- *wherein each of the one or more portable terminals is connectable to all of the plurality of control apparatuses through the network (see at least lida [0026], Fig:1B Items:14,62 & related text)*

Claim 3

The combination of lida/Segal/Jordan disclose all the limitations of Claim 2. lida further discloses the following limitations:

- *the one or more portable terminals transmits the stored photographing order information and the stored recording panel identification information to one of the plurality of control apparatuses; (see at least lida [0066])*
- *the one of the plurality of control apparatuses transmits the photographing order information and the recording panel identification information received from the one or more portable terminals, to the information management apparatus; (see at least lida [0066] & [0083])*

lida/Segal/Jordan does not disclose the following limitations, however Segal, as shown does:

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- *wherein the medical image generating apparatus uses an image recording panel whenever the patient is photographed; the one or more portable terminals obtain recording panel identification information of each image recording panel, and store the photographing order information and the obtained recording panel identification information so as to set a correspondence of the photographing order information to the obtained recording panel identification information; (see at least Segal Fig:2d & related text)*
- *the information management apparatus stores the recording panel identification information so as to correspond to the photographing order information; (see at least Segal [0075])*

It would have been obvious to one of ordinary skill in the art to add the features of Segal into lida/Segal/Jordan. One of ordinary skill in the art would have added these features into lida/Segal/Jordan with the motivation to provide a more effective and efficient process for creating, storing, accessing, updating and distributing image data. (see at least Segal [0021])

Claim 4

The combination of lida/Segal/Jordan disclose all the limitations of Claim 3. lida further discloses the following limitations:

- *wherein the image information reading apparatus reads out the recording panel identification information of the image information recording panel; (see at least lida [0024])*
- *obtains relating information of the photographing order information, which includes a processing condition through the control apparatus, and reads out the image under the obtained processing condition; (see at least lida [0044] & [0083])*

lida/Segal/Jordan does not disclose the following limitation, however Segal, as shown does:

- *an image information reading apparatus for reading out a photographing image from the image recording panel, (see at least Segal Fig:1 Item:117 & related text)*

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It would have been obvious to one of ordinary skill in the art to add the features of Segal into lida/Segal/Jordan. One of ordinary skill in the art would have added these features into lida/Segal/Jordan with the motivation to provide a more effective and efficient process for creating, storing, accessing, updating and distributing image data. (see at least Segal [0021])

Claim 5

The combination of lida/Segal/Jordan disclose all the limitations of Claim 2. lida further discloses the following limitations:

- *when the photographing order information is read out by the first portable terminal of the plurality of portable terminals and then a command for reading out the photographing order information is output from a second portable terminal which is different from the first portable terminal of the plurality of portable terminals, the second portable terminal of the plurality of portable terminals is notified that the photographing order information has been already read out on the basis of the stored information;* (see at least lida [0121])

lida/Segal/Jordan does not disclose the following limitation, however Jordan, as shown does:

- *the information management apparatus stores identification information of a first portable terminal of the plurality portable terminals for reading out the photographing order information, so as to correspond to the read out photographing order information;* (see at least Jordan [0035])

It would have been obvious to one of ordinary skill in the art to add the feature of Jordan into lida/Segal. One of ordinary skill in the art would have added this feature into lida/Segal with the motivation to provide a more safe & efficient process for managing and transferring medical image data. (see at least Jordan [0006])

Claim 10

The combination of lida/Segal/Jordan disclose all the limitations of Claim 1. lida further discloses the following limitation:

- *wherein each of the one or more portable terminals is connectable to a specific control apparatus of the plurality of control apparatuses* (see at least lida [0066])

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Claim 11

The combination of lida/Segal/Jordan disclose all the limitations of Claim 10. lida further discloses the following limitations:

- *the one or more portable terminals transmits the stored photographing order information and the stored recording panel identification information to one of the plurality of control apparatuses; (see at least lida [0066])*
- *the one of the plurality of control apparatuses transmits the photographing order information and the recording panel identification information received from the one or more portable terminals, to the information management apparatus; (see at least lida [0066] & [0083])*

lida/Segal/Jordan does not disclose the following limitations, however Segal, as shown does:

- *wherein the medical image generating apparatus uses an image recording panel whenever the patient is photographed; the one or more portable terminals obtain recording panel identification information of each image recording panel, and store the photographing order information and the obtained recording panel identification information so as to set a correspondence of the photographing order information to the obtained recording panel identification information; (see at least Segal Fig:2d & related text)*
- *the information management apparatus stores the recording panel identification information so as to correspond to the photographing order information; (see at least Segal [0075])*

It would have been obvious to one of ordinary skill in the art to add the features of Segal into lida/Segal/Jordan. One of ordinary skill in the art would have added these features into lida/Segal/Jordan with the motivation to provide a more effective and efficient process for creating, storing, accessing, updating and distributing image data. (see at least Segal [0021])

Claim 12

The combination of lida/Segal/Jordan disclose all the limitations of Claim 11. lida further discloses the following limitations:

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- *wherein the image information reading apparatus reads out the recording panel identification information of the image information recording panel; (see at least lida [0024])*
- *obtains relating information of the photographing order information, which includes a processing condition through the control apparatus, and reads out the image under the obtained processing condition; (see at least lida [0044] & [0083])*

lida/Segal/Jordan does not disclose the following limitation, however Segal, as shown does:

- *an image information reading apparatus for reading out a photographing image from the image recording panel, (see at least Segal Fig:1 Item:117 & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Segal into lida/Segal/Jordan. One of ordinary skill in the art would have added these features into lida/Segal/Jordan with the motivation to provide a more effective and efficient process for creating, storing, accessing, updating and distributing image data. (see at least Segal [0021])

Claim 13

The combination of lida/Segal/Jordan disclose all the limitations of Claim 11. lida further discloses the following limitation:

- *wherein when the photographing order information corresponding to the panel identification information is transmitted to the specific control apparatus, each of the one or more portable terminals transmits the photographing order information while adding information indicating that the photograph is finished, to the photographing order information; (see at least lida [0083])*

Claim 14

The combination of lida/Segal/Jordan disclose all the limitations of Claim 10. lida further discloses the following limitation:

- *wherein each of the one or more portable terminals collates input patient identification information with patient identification information including the*

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photographing order information, and notifies a collation result; (see at least lida Fig:4D Items:258-276 & related text)

14. Claims 6,7,9,15,16 & 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over lida in view of Segal in view of Jordan in further view Wyatt (US 6041411) (hereinafter Wyatt).

Claim 6

The combination of lida/Segal/Jordan disclose all the limitations of Claim 2. Wyatt further discloses the following limitation:

- *wherein the photographing order information, transmitted from one of the plurality of control apparatuses to one of the plurality of portable terminals, is prohibited from being transmitted from the control apparatus to another portable terminal* (see at least Wyatt Column:10 Lines: 41-51)

It would have been obvious to one of ordinary skill in the art to add the feature of Wyatt into lida/Segal/Jordan. One of ordinary skill in the art would have added this feature into lida/Segal/Jordan with the motivation to provide an improved method and system for securely managing and transmitting medical image data. (see at least Wyatt Column:1 Lines 54-63)

Claim 7

The combination of lida/Segal/Jordan disclose all the limitations of Claim 2. Wyatt further discloses the following limitation:

- *wherein the photographing order information, transmitted from one of the plurality of control apparatuses to one of the plurality of portable terminals, is prohibited from being transmitted from another control apparatus to any one of the one or more portable terminals* (see at least Wyatt Column:10 Lines: 41-51)

It would have been obvious to one of ordinary skill in the art to add the feature of Wyatt into lida/Segal/Jordan. One of ordinary skill in the art would have added this feature into lida/Segal/Jordan with the motivation to provide an improved method and system for securely managing and transmitting medical image data. (see at least Wyatt Column:1 Lines: 54-63)

Claim 9

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The combination of lida/Segal/Jordan/Wyatt disclose all the limitations of Claim 6. lida further discloses the following limitation:

- *wherein after the photographing order information is transmitted from one of the plurality of control apparatuses to any one of the plurality of portable terminals, another control apparatus deletes the photographing order information (see at least lida [0025] & [0063])*

Claim 15

The combination of lida/Segal/Jordan disclose all the limitations of Claim 10. Wyatt further discloses the following limitation:

- *wherein the photographing order information, transmitted from one of the plurality of control apparatuses to one of the plurality of portable terminals, is prohibited from being transmitted from the control apparatus to another portable terminal (see at least Wyatt Column:10 Lines: 41-51)*

It would have been obvious to one of ordinary skill in the art to add the feature of Wyatt into lida/Segal/Jordan. One of ordinary skill in the art would have added this feature into lida/Segal/Jordan with the motivation to provide an improved method and system for securely managing and transmitting medical image data. (see at least Wyatt Column:1 Lines: 54-63)

Claim 16

The combination of lida/Segal/Jordan disclose all the limitations of Claim 10. Wyatt further discloses the following limitation:

- *wherein the photographing order information, transmitted from one of the plurality of control apparatuses to one of the plurality of portable terminals, is prohibited from being transmitted from another control apparatus to any one of the one or more portable terminals (see at least Wyatt Column:10 Lines 41-51)*

It would have been obvious to one of ordinary skill in the art to add the feature of Wyatt into lida/Segal/Jordan. One of ordinary skill in the art would have added this feature into lida/Segal/Jordan with the motivation to provide an improved method and system for securely managing and transmitting medical image data. (see at least Wyatt Column:1 Lines: 54-63)

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Claim 18

The combination of lida/Segal/Jordan/Wyatt disclose all the limitations of Claim 15. lida further discloses the following limitation:

- *wherein after the photographing order information is transmitted from one of the plurality of control apparatuses to any one of the plurality of portable terminals, another control apparatus deletes the photographing order information (see at least lida [0025] & [0063])*

15. Claims 8 & 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over lida in view of Segal in view of Jordan in further view Endo et al. (US 4567897) (hereinafter Endo).

Claim 8

The combination of lida/Segal/Jordan disclose all the limitations of Claim 6. Endo further discloses the following limitation:

- *wherein when each of the plurality of control apparatuses is instructed so that the photographing order information transmitted to any one of the plurality of portable terminals is transmitted to anyone of the plurality of portable terminals again, the control apparatus warns that the photographing order information has been already transmitted (see at least Endo Column:5 Lines 60-69 Column:4 Lines:1-22)*

It would have been obvious to one of ordinary skill in the art to add the feature of Endo into lida/Segal/Jordan. One of ordinary skill in the art would have added this feature into lida/Segal/Jordan with the motivation to provide a more effective and efficient method and system for storing and transmitting medical image data. (see at least Endo Column:2 Lines: 54-63)

Claim 17

The combination of lida/Segal/Jordan/Wyatt disclose all the limitations of Claim 15. Endo further discloses the following limitation:

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- *wherein when each of the plurality of control apparatuses is instructed so that the photographing order information transmitted to any one of the plurality of portable terminals is transmitted to anyone of the plurality of portable terminals again, the control apparatus warns that the photographing order information has been already transmitted* (see at least Endo Column:5 Lines 60-69 Column:4 Lines:1-22)

It would have been obvious to one of ordinary skill in the art to add the feature of Endo into lida/Segal/Jordan/Wyatt. One of ordinary skill in the art would have added this feature into lida/Segal/Jordan/Wyatt with the motivation to provide a more effective and efficient method and system for storing and transmitting medical image data. (see at least Endo Column:2 Lines: 54-63)

16. Claims 19-22 & 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over lida in view of Segal in view of Jordan in further view Official Notice.

Claim 19

lida as shown discloses the following limitations:

- *generating photographing order information;* (see at least lida [0002])
- *obtaining the transmitted photographing order information by transmitting the transmitted photographing order information from the control apparatus to the portable terminal;* (see at least lida [0066])
- *display the obtained photographing order information* see at least lida Fig:1B Items:14,62 & related text)

lida does not disclose the following limitations, however Segal, as shown does:

- *transmitting the generated photographing order information through a network to another apparatus;* (see at least Segal [0021], Fig:2d & related text)

It would have been obvious to one of ordinary skill in the art to add the features of Segal into lida. One of ordinary skill in the art would have added these features into lida with the

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motivation to provide a more effective and efficient process for creating, storing, accessing, updating and distributing image data. (see at least Segal [0021])

lida and Segal do not disclose the following limitation, however Jordan, as shown does:

- *including patient identification information of the patient to be photographed and/or a photographing condition for the patient;* (see at least Jordan Fig:6A, 6D & related text)

It would have been obvious to one of ordinary skill in the art to add the feature of Jordan into lida/Segal. One of ordinary skill in the art would have added this feature into lida/Segal with the motivation to provide a more safe & efficient process for managing and transferring medical image data. (see at least Jordan [0006])

The combination of lida/Segal/Jordan disclose all the limitations of above. lida/Segal/Jordan do not specifically disclose *photographing a patient to generate image data of the patient*. However, the Examiner takes **Official Notice** that it is old and well known in the medical image data arts that image data of a patient will be generated when a patient is photographed.

It would have been obvious to one skilled in the art at the time of the invention to combine the limitations of lida/Segal/Jordan with *photographing a patient to generate image data of the patient* because it allows for more accurate and effective production of patient images for improved medical care.

Claim 20

The combination of lida/Segal/Jordan/Official Notice disclose all the limitations of Claim 19. lida further discloses the following limitation:

- *transmitting the photographing order information and the recording panel identification information received from the one or more portable terminals, to the information management apparatus;* (see at least lida [0066] & [0083])

lida/Segal/Jordan/Official Notice does not disclose the following limitations, however Segal, as shown does:

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- *using an image recording panel whenever the patient is photographed; (see at least Segal Fig:5o-p & related text)*
- *obtaining recording panel identification information of each image recording panel; (see at least Segal Fig:2d & related text)*
- *storing the photographing order information and the obtained recording panel identification information so as to set a correspondence of the photographing order information to the obtained recording panel identification information; (see at least Segal [0021])*
- *transmitting the stored photographing order information and the stored recording panel identification information to one of the plurality of control apparatuses; (see at least Segal [0023])*
- *storing the recording panel identification information in the information management apparatus so as to correspond to the photographing order information; (see at least Segal [0075])*

It would have been obvious to one of ordinary skill in the art to add the features of Segal into lida/Segal/Jordan/Official Notice. One of ordinary skill in the art would have added these features into lida/Segal/Jordan/Official Notice with the motivation to provide a more effective and efficient process for creating, storing, accessing, updating and distributing image data. (see at least Segal [0021])

Claim 21

The combination lida/Segal/Jordan/Official Notice disclose all the limitations of Claim 20. lida further discloses the following limitations:

- *obtains relating information of the photographing order information, which includes a processing condition through the control apparatus, (see at least lida [0044] & [0083])*
- *reading out the image under the obtained processing condition; (see at least lida [0020])*

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Claim 22

The combination of lida/Segal/Jordan/Official Notice disclose all the limitations of Claim

19. lida further discloses the following limitations:

- *when the photographing order information is read out by the first portable terminal of the plurality of portable terminals and then a command for reading out the photographing order information is output from a second portable terminal which is different from the first portable terminal of the plurality of portable terminals, the second portable terminal of the plurality of portable terminals is notified that the photographing order information has been already read out on the basis of the stored information; (see at least lida [0121])*

lida/Segal/Jordan/Official Notice does not disclose the following limitation, however Jordan, as shown does:

- *storing identification information of a first portable terminal of the plurality portable terminals for reading out the photographing order information, so as to correspond to the read out photographing order information; (see at least Jordan [0035])*

It would have been obvious to one of ordinary skill in the art to add the feature of Jordan into lida/Segal. One of ordinary skill in the art would have added this feature into lida/Segal with the motivation to provide a more safe & efficient process for managing and transferring medical image data. (see at least Jordan [0006])

Claim 26

The combination of lida/Segal/Jordan/Official Notice disclose all the limitations of Claim

19. lida further discloses the following limitation:

- *wherein after the photographing order information is transmitted from one of the control apparatuses to any one of the plurality of portable terminals, another control apparatus deletes the photographing order information (see at least lida [0025] & [0063])*

Claim 27

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The combination of lida/Segal/Jordan/Official Notice disclose all the limitations of Claim

20. lida further discloses the following limitation:

- *wherein when the photographing order information corresponding to the panel identification information is transmitted to the specific control apparatus , each of the one or more portable terminals transmits the photographing order information while adding information indicating that the photograph is finished, to the photographing order information; (see at least lida [0083])*

Claim 28

The combination of lida/Segal/Jordan/Official Notice disclose all the limitations of Claim

19. lida further discloses the following limitation:

- *collating input patient identification information with patient identification information including the photographing order information; and notifying a collation result; (see at least lida [Fig:4D Items:258-276 & related text])*

lida/Segal/Jordan/Official Notice does not disclose the following limitation, however Segal, as shown does:

- *inputting patient identification information to the portable terminal; (see at least Segal Fig:3d & related text)*

It would have been obvious to one of ordinary skill in the art to add the features of Segal into lida/Segal/Jordan/Official Notice. One of ordinary skill in the art would have added these features into lida/Segal/Jordan/Official Notice with the motivation to provide a more effective and efficient process for creating, storing, accessing, updating and distributing image data. (see at least Segal [0021])

17. Claims 23 & 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over lida in view of Segal in view of Jordan in view of Official Notice in further view Wyatt.

Claim 23

The combination of lida/Segal/Jordan/Official Notice disclose all the limitations of Claim

19. Wyatt further discloses the following limitation:

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- *wherein the photographing order information, transmitted from one of the plurality of control apparatuses to one of the plurality of portable terminals, is prohibited from being transmitted from the control apparatus to another portable terminal* (see at least Wyatt Column:10 Lines: 41-51)

It would have been obvious to one of ordinary skill in the art to add the feature of Wyatt into lida/Segal/Jordan/Official Notice. One of ordinary skill in the art would have added this feature into lida/Segal/Jordan/Official Notice with the motivation to provide an improved method and system for securely managing and transmitting medical image data. (see at least Wyatt Column:1 Lines 54-63)

Claim 24

The combination of lida/Segal/Jordan/Official Notice disclose all the limitations of Claim 23. Wyatt further discloses the following limitation:

- *prohibiting the photographing order information transmitted from one of the control apparatuses to any one of the one or more portable terminals, from being transmitted from another control apparatus to anyone of the one or more portable terminals* (see at least Wyatt Column:10 Lines: 41-51)

It would have been obvious to one of ordinary skill in the art to add the feature of Wyatt into lida/Segal/Jordan/Official Notice. One of ordinary skill in the art would have added this feature into lida/Segal/Jordan/Official Notice with the motivation to provide an improved method and system for securely managing and transmitting medical image data. (see at least Wyatt Column:1 Lines: 54-63)

18. Claims 25 is rejected under 35 U.S.C. 103(a) as being unpatentable over lida in view of Segal in view of Jordan in view of Official Notice in further view Endo.

Claim 25

The combination of lida/Segal/Jordan/Official Notice disclose all the limitations of Claim 19. Endo further discloses the following limitation:

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- *wherein when each of the plurality of control apparatuses is instructed so that the photographing order information transmitted to any one of the plurality of portable terminals is transmitted to anyone of the plurality of portable terminals again, the control apparatus warns that the photographing order information has been already transmitted, (see at least Endo Column:5 Lines 60-69 Column:4 Lines:1-22)*

It would have been obvious to one of ordinary skill in the art to add the feature of Endo into Iida/Segal/Jordan/Official Notice. One of ordinary skill in the art would have added this feature into Iida/Segal/Jordan/Official Notice with the motivation to provide a more effective and efficient method and system for storing and transmitting medical image data. (see at least Endo Column:2 Lines: 54-63)

Conclusion

Any inquiry of a general nature or relating to the status of this application or concerning this communication or earlier communications from the Examiner should be directed to **Rajiv J. Raj** whose telephone number is **571-270-3930**. The Examiner can normally be reached on Monday-Friday, 7:30am-5:00pm. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, **Luke Gilligan** can be reached at **571.272.6770**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see

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<http://portal.uspto.gov/external/portal/pair> <<http://pair-direct.uspto.gov>>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at **866.217.9197** (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

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or faxed to **571-273-8300**.

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Date: 07/24/08

/Rajiv J Raj/ Patent Examiner Art Unit 3626

/Robert Morgan/

Primary Examiner, Art Unit 3626